

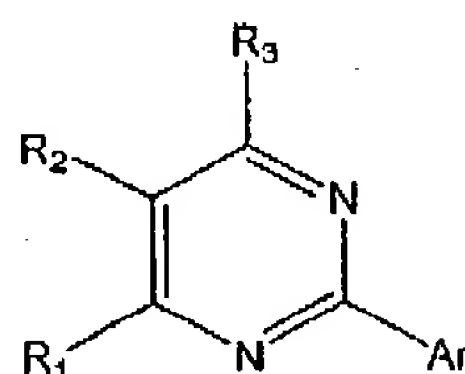
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Amendments To The Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1. (Currently Amended) A compound of the formula:



or a pharmaceutically acceptable salt thereof, wherein:

Ar is phenyl, 1- or 2-naphthyl, each of which is mono-, di-, or tri-substituted;

R₁ is chosen from hydrogen, halogen, cyano, nitro, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted alkoxy, optionally substituted (cycloalkyl)alkyl, optionally substituted alkylthio, optionally substituted alkylsulfinyl, optionally substituted alkylsulfonyl, or optionally substituted mono- or dialkylcarboxamide;

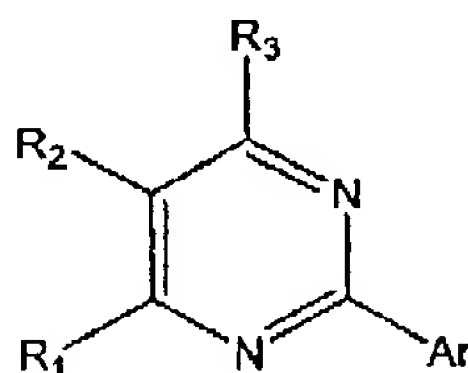
R₁ and R₃ are independently chosen from hydrogen, halogen, cyano, nitro, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted alkoxy, optionally substituted (cycloalkyl)alkyl, optionally substituted alkylthio, optionally substituted alkylsulfinyl, optionally substituted alkylsulfonyl, or optionally substituted mono- or dialkylcarboxamide, with the proviso that R₁ and R₃ are not both hydrogen; and

R₂ is optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted alkoxy, optionally substituted aminoalkyl, optionally substituted mono or dialkylamino, optionally substituted alkylthio, optionally substituted alkylsulfinyl, optionally substituted alkylsulfonyl,

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optionally substituted mono or dialkylcarboxamide, or optionally substituted carbocyclic aryl.

2. (Currently Amended) A compound of the formula:



or a pharmaceutically acceptable salt thereof, wherein:

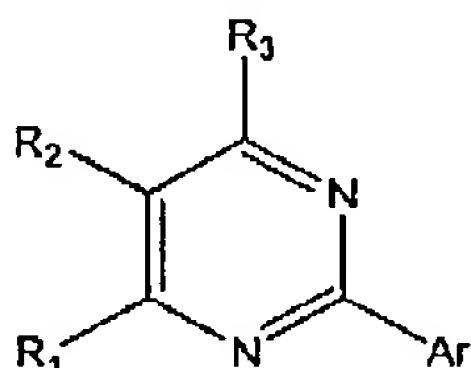
Ar is phenyl which is mono-, di-, or tri-substituted;

R₁ and R₃ are independently chosen from hydrogen, halogen, cyano, nitro, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted alkynyl, optionally substituted alkoxy, optionally substituted (cycloalkyl)alkyl, optionally substituted alkylthio, optionally substituted alkylsulfinyl, or optionally substituted alkylsulfonyl, and optionally substituted mono or dialkylcarboxamide, with the proviso that R₁ and R₃ are not both hydrogen; and

~~R₂ is optionally substituted alkoxy, optionally substituted aminoalkyl, optionally substituted mono or dialkylamino, optionally substituted alkylthio, optionally substituted alkylsulfinyl, optionally substituted alkylsulfonyl, optionally substituted mono or dialkylcarboxamide, or~~

R₂ is selected from the group consisting of phenyl and naphthyl, each of which is optionally mono-, di-, or tri-substituted.

3. (Previously Presented) A compound of the formula



or a pharmaceutically acceptable salt thereof, wherein:

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R_1 and R_3 are independently selected from hydrogen, cyano, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, $(C_{3-7}\text{cycloalkyl}_1)C_{1-4}$ alkyl, $(C_{3-7}\text{cycloalkyl}_1)C_{2-4}$ alkenyl, $(C_{3-7}\text{cycloalkyl}_1)C_{2-4}$ alkynyl, $-O(C_{3-7}\text{cycloalkyl}_1)C_{1-4}$ alkyl, $-O(C_{3-7}\text{cycloalkyl}_1)C_{2-4}$ alkenyl, $-O(C_{3-7}\text{cycloalkyl}_1)C_{2-4}$ alkynyl, halo(C_{1-6})alkyl, halo C_{2-6} alkenyl, halo C_{2-6} alkynyl, $-O(\text{halo}(C_{1-6})\text{alkyl})$, $-O(\text{halo}(C_{2-6})\text{alkenyl})$, $-O(\text{halo}(C_{2-6})\text{alkynyl})$, $-O(C_{1-6}\text{alkyl})$, $-O(C_{2-6}\text{alkenyl})$, $-O(C_{2-6}\text{alkynyl})$, $S(O)_n(C_{1-6}\text{alkyl})$, $S(O)_n(C_{2-6}\text{alkenyl})$, and $S(O)_n(C_{2-6}\text{alkynyl})$,

where each alkyl, or alkenyl is independently straight, branched, or cyclic, and each alkynyl is straight or branched, and is optionally substituted with one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C_{1-4} alkoxy, amino, and mono- or di(C_{1-4})alkylamino, and

where each $C_{3-7}\text{cycloalkyl}_1$ is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C_{1-4} alkoxy, amino, and mono- or di(C_{1-4})alkylamino,

with the proviso that not both R_1 and R_3 are hydrogen;

R_2 is selected from the group consisting of $-XR_A$ and Y ; and

Ar is selected from the group consisting of phenyl and naphthyl, each of which is mono-, di-, or tri-substituted with R_C ;

R_A and R_B , which may be the same or different, are independently selected at each occurrence from:

hydrogen, straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from oxo, hydroxy, halogen, cyano, amino, C_{1-6} alkoxy, $-NH(C_{1-6}\text{alkyl})$, $-N(C_{1-6}\text{alkyl})(C_{1-6}\text{alkyl})$, $-NHC(=O)(C_{1-6}\text{alkyl})$, $-N(C_{1-6}\text{alkyl})C(=O)(C_{1-6}\text{alkyl})$, $-NHS(O)_n(C_{1-6}\text{alkyl})$, $-S(O)_n(C_{1-6}\text{alkyl})$, $-S(O)_nNH(C_{1-6}\text{alkyl})$, $-S(O)_nN(C_{1-6}\text{alkyl})(C_{1-6}\text{alkyl})$, and Z ;

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R_C is independently selected at each occurrence from halogen, cyano, halo(C_{1-6})alkyl, halo(C_{1-6})alkoxy, hydroxy, amino, C_{1-6} alkyl substituted with 0-2 R_D , C_{2-6} alkenyl substituted with 0-2 R_D , C_{2-6} alkynyl substituted with 0-2 R_D , C_{3-7} cycloalkyl substituted with 0-2 R_D , (C_{3-7} cycloalkyl) C_{1-4} alkyl substituted with 0-2 R_D , C_{1-6} alkoxy substituted with 0-2 R_D , -NH(C_{1-6} alkyl) substituted with 0-2 R_D , -N(C_{1-6} alkyl)(C_{1-6} alkyl) each C_{1-6} alkyl independently substituted with 0-2 R_D , - XR_A , and Y;

R_D is independently selected at each occurrence from the group consisting of halogen, hydroxy, cyano, amino, C_{1-4} alkyl, -O(C_{1-4} alkyl), -NH(C_{1-4} alkyl), -N(C_{1-4} alkyl)(C_{1-4} alkyl), -S(O) $_n$ (alkyl), halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, CO(C_{1-4} alkyl), CONH(C_{1-4} alkyl), CON(C_{1-4} alkyl)(C_{1-4} alkyl), - XR_A , and Y;

X is independently selected at each occurrence from the group consisting of -CH₂-, -CH(R_B)-, -O-, -C(=O)-, -C(=O)O-, -S(O) $_n$ -, -NH-, -NR_B-, -C(=O)NH-, -C(=O)NR_B-, -S(O) $_n$ NH-, -S(O) $_n$ NR_B-, -OC(=S)S-, -NHC(=O)-, -NR_BC(=O)-, -NHS(O) $_n$ -, -OSiH $_n$ (C_{1-4} alkyl) $_{2-n}$ -, and -NR_BS(O) $_n$ -;

Y and Z are independently selected at each occurrence from: 3- to 7-membered carbocyclic groups which are saturated, unsaturated, or aromatic, which may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, cyano, C_{1-4} alkyl, -O(C_{1-4} alkyl), -NH(C_{1-4} alkyl), -N(C_{1-4} alkyl)(C_{1-4} alkyl), and -S(O) $_n$ (alkyl); and

n is independently selected at each occurrence from 0, 1, and 2.

4. (Original) A compound or salt according to Claim 1 wherein
Ar is mono-, di-, or trisubstituted phenyl; and
 R_2 is selected from optionally substituted alkoxy, optionally substituted aminoalkyl, and optionally substituted mono or dialkylamino.

5. (Original) A compound or salt according to Claim 3, wherein:
Ar is phenyl mono-, di-, or tri-substituted with R_C .

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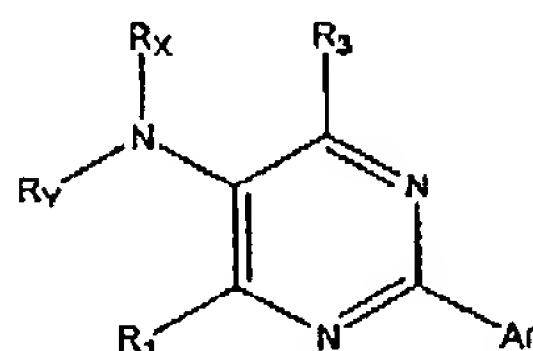
6. (Previously Presented) A compound or salt according to Claim 3, wherein:
Ar is phenyl mono-, di-, or tri-substituted with R_C ; and
 R_1 and R_3 are independently selected from the group consisting of
 C_{1-3} alkyl, C_{1-3} alkoxy, $(C_{3-7}$ cycloalkyl) C_{1-3} alkyl, $(C_{3-7}$ cycloalkyl) C_{1-3} alkoxy, each of
which is unsubstituted or substituted by 1-3 groups independently chosen from hydroxy, amino,
cyano, and halogen.

7. (Previously Presented) A compound or salt according to Claim 3, wherein:
Ar is phenyl mono-, di-, or tri-substituted with R_C ; and
 R_A and R_B , which may be the same or different, are independently selected at each occurrence
from:
straight, branched, or cyclic alkyl groups having from 1 to 8 carbon atoms, straight,
branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched
alkynyl groups consisting of 2 to 8 carbon atoms.

8. (Previously Presented) A compound or salt according to Claim 3, wherein:
Ar is phenyl mono-, di-, or tri-substituted with R_C ;
 R_A and R_B , which may be the same or different, are independently selected at each occurrence
from:
straight, branched, or cyclic alkyl groups having from 1 to 8 carbon atoms, straight,
branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched
alkynyl groups consisting of 2 to 8 carbon atoms; and
 R_1 and R_3 are independently selected from the group consisting of
 C_{1-3} alkyl, C_{1-3} alkoxy, $(C_{3-7}$ cycloalkyl) C_{1-3} alkyl, $(C_{3-7}$ cycloalkyl) C_{1-3} alkoxy, each of
which is unsubstituted or substituted by 1-3 groups independently chosen from hydroxy, amino,
cyano, and halogen.

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9. (Currently Amended) A compound of Formula A



Formula A

or a pharmaceutically acceptable salt thereof, wherein:

R_x and R_y are the same or different and are independently selected from:

- a) hydrogen,
- b) -(C=O)alkyl_A, wherein alkyl_A is a straight or branched alkyl group having from 1 to 8 carbon atoms;
- c) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, cycloalkyl(alkyl) groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from:
 - i) hydroxy, halogen, amino, cyano, -O(C₁₋₄alkyl), -NH(C₁₋₄alkyl), and -NH(C₁₋₄alkyl)(C₁₋₄alkyl), and
 - ii) 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be substituted with one or more substituents independently selected from halogen, halo(C₁₋₄alkyl), halo(C₁₋₄alkoxy), oxo, hydroxy, amino, C₁₋₄alkyl, -O(C₁₋₄alkyl), -NH(C₁₋₄alkyl), -N(C₁₋₄alkyl)(C₁₋₄alkyl), and -S(O)_n(alkyl),

R₁ is selected from hydrogen, halogen, cyano, C₁₋₆ alkyl, C₂₋₆alkenyl, C₂₋₆alkynyl, (C₃₋₇cycloalkyl)₁C₁₋₄alkyl, (C₃₋₇cycloalkyl)₁C₂₋₄alkenyl, (C₃₋₇cycloalkyl)₁C₂₋₄alkynyl, -O(C₃₋₇cycloalkyl)₁C₁₋₄alkyl, -O(C₃₋₇cycloalkyl)₁C₂₋₄alkenyl, -O(C₃₋₇cycloalkyl)₁C₂₋₄alkynyl, halo(C₁₋₆)alkyl, haloC₂₋₆alkenyl, haloC₂₋₆alkynyl, -O(halo(C₁₋₆)alkyl), -O(halo(C₂₋

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6 alkenyl), -O(halo(C_{2-6} alkynyl), -O(C_{1-6} alkyl), -O(C_{2-6} alkenyl), -O(C_{2-6} alkynyl),
 $S(O)_n(C_{1-6}$ alkyl), $S(O)_n(C_{2-6}$ alkenyl), and $S(O)_n(C_{2-6}$ alkynyl),

R_1 and R_3 are independently is selected from hydrogen, halogen, cyano, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl, (C_{3-7} cycloalkyl) C_{1-4} alkyl, (C_{3-7} cycloalkyl) C_{2-4} alkenyl, (C_{3-7} cycloalkyl) C_{2-4} alkynyl, -O(C_{3-7} cycloalkyl) C_{1-4} alkyl, -O(C_{3-7} cycloalkyl) C_{2-4} alkenyl, -O(C_{3-7} cycloalkyl) C_{2-4} alkynyl, halo(C_{1-6} alkyl), halo C_{2-6} alkenyl, halo C_{2-6} alkynyl, -O(halo(C_{1-6} alkyl), -O(halo(C_{2-6} alkenyl), -O(halo(C_{2-6} alkynyl), -O(C_{1-6} alkyl), -O(C_{2-6} alkenyl), -O(C_{2-6} alkynyl), $S(O)_n(C_{1-6}$ alkyl), $S(O)_n(C_{2-6}$ alkenyl), and $S(O)_n(C_{2-6}$ alkynyl),

where each alkyl, or alkenyl is independently straight, branched, or cyclic, and each alkynyl is straight or branched, and is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C_{1-4} alkoxy, amino, and mono- or di(C_{1-4})alkylamino,

and

where said C_{3-7} cycloalkyl is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C_{1-4} alkoxy, amino, and mono- or di(C_{1-4})alkylamino

with the proviso that not both R_1 and R_3 are hydrogen;

Ar is selected from the group consisting of phenyl and naphthyl, each of which is mono-, di-, or tri-substituted with R_C ;

R_A and R_B , which may be the same or different, are independently selected at each occurrence from the group consisting of:

hydrogen, straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, and straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from oxo, hydroxy, halogen, nitro, cyano, C_{1-6} alkoxy, -NH(C_{1-6} alkyl), -N(C_{1-6} alkyl)(C_{1-6} alkyl), -NHC(=O)(C_{1-6} alkyl), -N(C_{1-6} alkyl),

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$\text{alkyl)C(=O)(C}_{1-6}\text{alkyl)}$, $\text{-NHS(O)}_n(\text{C}_{1-6}\text{alkyl)}$, $\text{-S(O)}_n(\text{C}_{1-6}\text{alkyl)}$, $\text{-S(O)}_n\text{NH(C}_{1-6}\text{alkyl)}$, $\text{-S(O)}_n\text{N(C}_{1-6}\text{alkyl)(C}_{1-6}\text{alkyl)}$, and Z;

R_C is independently selected at each occurrence from halogen, cyano, halo(C_{1-6} alkyl), halo(C_{1-6} alkoxy), hydroxy, amino, and C_{1-6} alkyl substituted with 0-2 R_D , C_{2-6} alkenyl substituted with 0-2 R_D , C_{2-6} alkynyl substituted with 0-2 R_D , C_{3-7} cycloalkyl substituted with 0-2 R_D , $(\text{C}_{3-7}\text{cycloalkyl})\text{C}_{1-4}\text{alkyl}$ substituted with 0-2 R_D , C_{1-6} alkoxy substituted with 0-2 R_D , $\text{-NH(C}_{1-6}\text{alkyl)}$ substituted with 0-2 R_D , $\text{-N(C}_{1-6}\text{alkyl)(C}_{1-6}\text{alkyl)}$ each C_{1-4} alkyl independently substituted with 0-2 R_D , -XR_A , and Y, with the proviso that at least one of the positions ortho or para to the point of attachment of Ar to the pyrimidine ring shown in Formula A is substituted;

R_D is independently selected at each occurrence the group consisting of halogen, hydroxy, cyano, C_{1-4} alkyl, $\text{-O(C}_{1-4}\text{alkyl)}$, $\text{-NII(C}_{1-4}\text{alkyl)}$, $\text{-N(C}_{1-4}\text{alkyl)(C}_{1-4}\text{alkyl)}$, $\text{-S(O)}_n(\text{alkyl})$ halo(C_{1-4} alkyl), halo(C_{1-4} alkoxy), $\text{CO(C}_{1-4}\text{alkyl)}$, $\text{CONII(C}_{1-4}\text{alkyl)}$, $\text{CON(C}_{1-4}\text{alkyl)(C}_{1-4}\text{alkyl)}$, -XR_A , and Y;

X is independently selected at each occurrence from the group consisting of $\text{-CH}_2\text{-}$, $\text{-CHR}_B\text{-}$, -O- , -C(=O)- , -C(=O)O- , $\text{-S(O)}_n\text{-}$, -NH- , $\text{-NR}_B\text{-}$, -C(=O)NH- , $\text{-C(=O)NR}_B\text{-}$, $\text{-S(O)}_n\text{NII-}$, $\text{-S(O)}_n\text{NR}_B\text{-}$, -OC(=S)S- , -NHC(=O)- , $\text{-NR}_B\text{C(=O)-}$, $\text{-NHS(O)}_n\text{-}$, $\text{-OSiH}_n(\text{C}_{1-4}\text{-alkyl})_{2-n}\text{-}$, and $\text{-NR}_B\text{S(O)}_n\text{-}$;

Y and Z are independently selected at each occurrence from the group consisting of: 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, C_{1-4} alkyl, $\text{-O(C}_{1-4}\text{alkyl)}$, $\text{-NH(C}_{1-4}\text{alkyl)}$, $\text{-N(C}_{1-4}\text{alkyl)(C}_{1-4}\text{alkyl)}$, and $\text{-S(O)}_n(\text{alkyl})$; and

n is 0, 1, or 2.

10. (Currently Amended) A compound or salt according to Claim 9, wherein:

R_X and R_Y are the same or different and are independently selected from:

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a) $-(C=O)alkyl_A$, wherein $alkyl_A$ is a straight or branched alkyl group having from 1 to 8 carbon atoms;

b) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 12 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from:

- i) hydroxy, halogen, amino, cyano, $-O(C_{1-4}alkyl)$, $-NH(C_{1-4}alkyl)$, and $-NH(C_{1-4}alkyl)(C_{1-4}alkyl)$, and
- ii) 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be substituted with one or more substituents independently selected from halogen, $halo(C_{1-4}alkyl)$, $halo(C_{1-4}alkoxy)$, oxo, hydroxy, amino, $C_{1-4}alkyl$, $-O(C_{1-4}alkyl)$, $-NH(C_{1-4}alkyl)$, $-N(C_{1-4}alkyl)(C_{1-4}alkyl)$, and $-S(O)_n(alkyl)$,

R_1 is selected from hydrogen, halogen, cyano, $C_{1-6}alkyl$, $C_{2-6}alkenyl$, $C_{2-6}alkynyl$, $(C_{3-7}cycloalkyl_1)C_{1-4}alkyl$, $(C_{3-7}cycloalkyl_1)C_{2-4}alkenyl$, $(C_{3-7}cycloalkyl_1)C_{2-4}alkynyl$, $-O(C_{3-7}cycloalkyl_1)C_{1-4}alkyl$, $-O(C_{3-7}cycloalkyl_1)C_{2-4}alkenyl$, $-O(C_{3-7}cycloalkyl_1)C_{2-4}alkynyl$, $halo(C_{1-6}alkyl)$, $haloC_{2-6}alkenyl$, $haloC_{2-6}alkynyl$, $-O(halo(C_{1-6}alkyl))$, $-O(halo(C_{2-6}alkenyl))$, $-O(halo(C_{2-6}alkynyl))$, $-O(C_{1-6}alkyl)$, $-O(C_{2-6}alkenyl)$, and $-O(C_{2-6}alkynyl)$.

~~R_1 and R_3 are independently~~ R_2 is selected from hydrogen, halogen, cyano, $C_{1-6}alkyl$, $C_{2-6}alkenyl$, $C_{2-6}alkynyl$, $(C_{3-7}cycloalkyl_1)C_{1-4}alkyl$, $(C_{3-7}cycloalkyl_1)C_{2-4}alkenyl$, $(C_{3-7}cycloalkyl_1)C_{2-4}alkynyl$, $-O(C_{3-7}cycloalkyl_1)C_{1-4}alkyl$, $-O(C_{3-7}cycloalkyl_1)C_{2-4}alkenyl$, $-O(C_{3-7}cycloalkyl_1)C_{2-4}alkynyl$, $halo(C_{1-6}alkyl)$, $haloC_{2-6}alkenyl$, $haloC_{2-6}alkynyl$, $-O(halo(C_{1-6}alkyl))$, $-O(halo(C_{2-6}alkenyl))$, $-O(halo(C_{2-6}alkynyl))$, $-O(C_{1-6}alkyl)$, $-O(C_{2-6}alkenyl)$, and $-O(C_{2-6}alkynyl)$.

where each alkyl, or alkenyl is independently straight, branched, or cyclic, and each alkynyl is straight or branched, and is optionally substituted by one or more substituents

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independently chosen from halogen, hydroxy, oxo, cyano, C₁₋₄alkoxy, amino, and mono- or di(C₁₋₄)alkylamino,

and

where said C₃₋₇cycloalkyl₁ is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C₁₋₄alkoxy, amino, and mono- or di(C₁₋₄)alkylamino

Ar is phenyl, which is mono-, di-, or tri-substituted with R_C;

R_A and R_B, which may be the same or different, are independently selected at each occurrence from the group consisting of:

hydrogen, straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, and straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from oxo, hydroxy, halogen, nitro, cyano, C₁₋₆alkoxy, -NH(C₁₋₆alkyl), -N(C₁₋₆alkyl)(C₁₋₆alkyl), -NHC(=O)(C₁₋₆alkyl), -N(C₁₋₆alkyl)C(=O)(C₁₋₆alkyl), and Z;

R_C is independently selected at each occurrence from halogen, cyano, halo(C₁₋₆)alkyl, halo(C₁₋₆)alkoxy, hydroxy, amino, and C₁₋₆alkyl substituted with 0-2 R_D, C₂₋₆ alkenyl substituted with 0-2 R_D, C₂₋₆alkynyl substituted with 0-2 R_D, C₃₋₇cycloalkyl substituted with 0-2 R_D, (C₃₋₇cycloalkyl)C₁₋₄alkyl substituted with 0-2 R_D, C₁₋₆alkoxy substituted with 0-2 R_D, -NH(C₁₋₆alkyl) substituted with 0-2 R_D, -N(C₁₋₆alkyl)(C₁₋₆alkyl) each C₁₋₄alkyl independently substituted with 0-2 R_D, -XR_A, and Y, with the proviso that at least one of the positions ortho or para to the point of attachment of Ar to the pyrimidine ring shown in Formula A is substituted;

R_D is independently selected at each occurrence the group consisting of halogen, hydroxy, cyano, C₁₋₄alkyl, -O(C₁₋₄alkyl), -NH(C₁₋₄alkyl), -N(C₁₋₄alkyl)(C₁₋₄alkyl), halo(C₁₋₄)alkyl, halo(C₁₋₄)alkoxy, CO(C₁₋₄alkyl), CONH(C₁₋₄alkyl), CON(C₁₋₄alkyl)(C₁₋₄alkyl), -XR_A, and Y;

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X is independently selected at each occurrence from the group consisting of $-\text{CH}_2-$, $-\text{CHR}_B-$, $-\text{O}-$, $-\text{C}(=\text{O})-$, $-\text{C}(=\text{O})\text{O}-$, $-\text{NH}-$, $-\text{NR}_B-$, $-\text{C}(=\text{O})\text{NH}-$, $-\text{C}(=\text{O})\text{NR}_B-$, $-\text{NHC}(=\text{O})-$, and $-\text{NR}_B\text{C}(=\text{O})-$;

Y and Z are independently selected at each occurrence from the group consisting of: 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, C_{1-4} alkyl, $-\text{O}(\text{C}_{1-4}\text{alkyl})$, $-\text{NH}(\text{C}_{1-4}\text{alkyl})$, and $-\text{N}(\text{C}_{1-4}\text{alkyl})(\text{C}_{1-4}\text{alkyl})$; and

n is 0, 1, or 2.

11. (Currently Amended) A compound or salt according to claim 9, wherein:

Ar is phenyl mono-, di-, or tri-substituted with R_C , and

R_1 is selected from the group consisting of

hydrogen, halogen, C_{1-4} alkoxy, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy,

C_{1-6} alkyl, which C_{1-6} alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C_{1-4} alkoxy, amino, and mono- or di(C_{1-4})alkylamino, and

(C_{3-7} cycloalkyl) C_{1-4} alkyl, which (C_{3-7} cycloalkyl) C_{1-4} alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C_{1-4} alkoxy, amino, and mono- or di(C_{1-4})alkylamino; and

~~R_1 and R_3 are independently~~ is selected from the group consisting of

hydrogen, halogen, C_{1-4} alkoxy, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy,

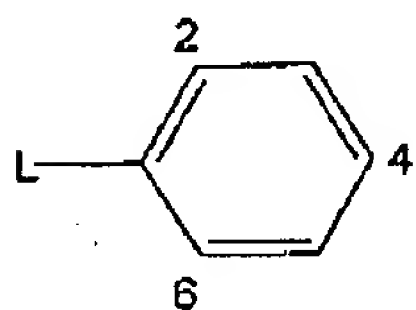
C_{1-6} alkyl, which C_{1-6} alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C_{1-4} alkoxy, amino, and mono- or di(C_{1-4})alkylamino, and

(C_{3-7} cycloalkyl) C_{1-4} alkyl, which (C_{3-7} cycloalkyl) C_{1-4} alkyl is unsubstituted or substituted by one to three substituents independently selected from hydroxy, oxo, cyano, C_{1-4} alkoxy, amino, and mono- or di(C_{1-4})alkylamino.

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12. (Previously Presented) A compound or salt according to claim 9, wherein:

Ar is a phenyl group of the formula:



wherein L indicates a bond to the pyrimidine ring in Formula A

and the phenyl group is substituted at one, two, or three of positions 2, 4, and 6 positions of the phenyl ring with substituents independently selected from:

- i) halogen, cyano, halo(C₁₋₄)alkyl, halo(C₁₋₄)alkoxy, hydroxy, amino, C₁₋₆ alkyl, C₁₋₆alkoxy, (C₁₋₄alkoxy)C₁₋₄alkoxy, and mono- or di(C₁₋₄alkyl)amino,
- ii) C₁₋₆ alkyl and C₁₋₆alkoxy which are further substituted with a 3- to 7-membered carbocyclic group, which is saturated, unsaturated, or aromatic, which 3- to 7-membered carbocyclic and heterocyclic group may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, C₁₋₄alkyl, -O(C₁₋₄alkyl), -NH(C₁₋₄alkyl), and -N(C₁₋₄alkyl)(C₁₋₄alkyl).

13. (Currently Amended) A compound or salt according to claim 9, wherein:

Ar is phenyl mono-, di-, or tri-substituted with R_C,

R_X and R_Y, which may be the same or different, are independently selected at each occurrence from

straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms; and

R₁ is selected from the group consisting of hydrogen, halogen, C₁₋₄alkoxy, halo(C₁₋₄)alkyl, (halo(C₁₋₄)alkoxy,

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C₁₋₆alkyl, which C₁₋₆alkyl is unsubstituted or substituted by one to three substituents

independently selected from hydroxy, oxo, cyano, C₁₋₄alkoxy, amino, and mono- or di(C₁₋₄)alkylamino,

(C₃₋₇cycloalkyl)C₁₋₄alkyl, which (C₃₋₇cycloalkyl)C₁₋₄alkyl is unsubstituted or substituted by one

to three substituents independently selected from hydroxy, oxo, cyano, C₁₋₄alkoxy, amino, and mono- or di(C₁₋₄)alkylamino; and

R₁ and R₃ are independently is selected from the group consisting of hydrogen, halogen, C₁₋₄alkoxy, halo(C₁₋₄)alkyl, (halo(C₁₋₄)alkoxy,

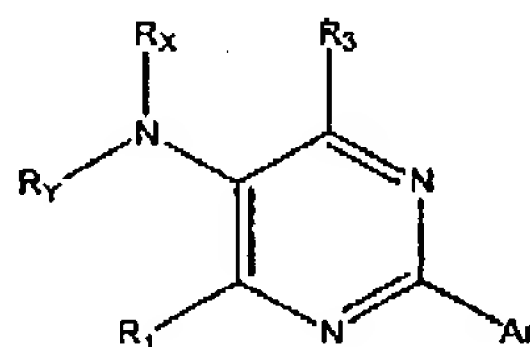
C₁₋₆alkyl, which C₁₋₆alkyl is unsubstituted or substituted by one to three substituents

independently selected from hydroxy, oxo, cyano, C₁₋₄alkoxy, amino, and mono- or di(C₁₋₄)alkylamino,

(C₃₋₇cycloalkyl)C₁₋₄alkyl, which (C₃₋₇cycloalkyl)C₁₋₄alkyl is unsubstituted or substituted by one

to three substituents independently selected from hydroxy, oxo, cyano, C₁₋₄alkoxy, amino, and mono- or di(C₁₋₄)alkylamino.

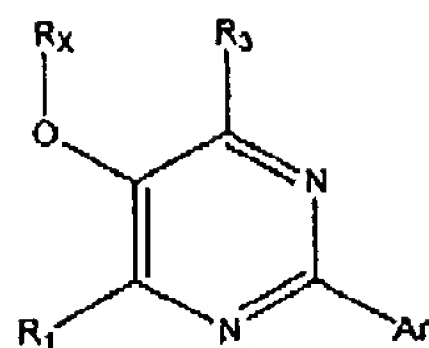
14. (Previously Presented) A compound or salt according to claim 9 of the formula:



R_X and R_Y are the same or different and are independently selected from the group consisting of: hydrogen and C₁ – C₆ alkyl.

15. (Currently Amended) A compound or salt according to the formula

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wherein:

R_x is chosen from

straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 12 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from:

- (a) hydroxy, halogen, amino, cyano, -O(C₁₋₄alkyl), -NH(C₁₋₄alkyl), and -NH(C₁₋₄alkyl)(C₁₋₄alkyl), and
- (b) 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be substituted with one or more substituents selected from halogen, halo(C₁₋₄alkyl), oxo, hydroxy, amino, C₁₋₄alkyl, -O(C₁₋₄alkyl), -NH(C₁₋₄alkyl), -N(C₁₋₄alkyl)(C₁₋₄alkyl);

R₁ and R₂ are independently selected from hydrogen, halogen, cyano, C₁₋₆ alkyl, C₂₋₆alkenyl, C₂₋₆alkynyl, (C₃₋₇cycloalkyl₁)C₁₋₄alkyl, (C₃₋₇cycloalkyl₁)C₂₋₄alkenyl, (C₃₋₇cycloalkyl₁)C₂₋₄alkynyl, -O(C₃₋₇cycloalkyl₁)C₁₋₄alkyl, -O(C₃₋₇cycloalkyl₁)C₂₋₄alkenyl, -O(C₃₋₇cycloalkyl₁)C₂₋₄alkynyl, halo(C₁₋₆)alkyl, haloC₂₋₆alkenyl, haloC₂₋₆alkynyl, -O(halo(C₁₋₆)alkyl), -O(halo(C₂₋₆)alkenyl), -O(halo(C₂₋₆)alkynyl), -O(C₁₋₆alkyl), -O(C₂₋₆alkenyl), -O(C₂₋₆alkynyl), S(O)_n(C₁₋₆alkyl), S(O)_n(C₂₋₆alkenyl), and S(O)_n(C₂₋₆alkynyl),

R₃ is selected from hydrogen, cyano, C₁₋₆ alkyl, C₂₋₆alkenyl, C₂₋₆alkynyl, (C₃₋₇cycloalkyl₁)C₁₋₄alkyl, (C₃₋₇cycloalkyl₁)C₂₋₄alkenyl, (C₃₋₇cycloalkyl₁)C₂₋₄alkynyl, -O(C₃₋₇cycloalkyl₁)C₁₋₄alkyl, -O(C₃₋₇cycloalkyl₁)C₂₋₄alkenyl, -O(C₃₋₇cycloalkyl₁)C₂₋₄alkynyl, halo(C₁₋₆)alkyl, haloC₂₋₆alkenyl, haloC₂₋₆alkynyl, -O(halo(C₁₋₆)alkyl), -O(halo(C₂₋₆)alkenyl), -O(halo(C₂₋₆)alkynyl),

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$_{6}\text{alkynyl}$), $-\text{O}(\text{C}_{1-6}\text{alkyl})$, $-\text{O}(\text{C}_{2-6}\text{alkenyl})$, $-\text{O}(\text{C}_{2-6}\text{alkynyl})$, $\text{S}(\text{O})_n(\text{C}_{1-6}\text{alkyl})$, $\text{S}(\text{O})_n(\text{C}_{2-6}\text{alkenyl})$, and $\text{S}(\text{O})_n(\text{C}_{2-6}\text{alkynyl})$,

where each alkyl, or alkenyl is independently straight, branched, or cyclic, and each alkynyl is straight or branched, and is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C_{1-4} alkoxy, amino, and mono- or $\text{di}(\text{C}_{1-4})$ alkylamino,

and

where said C_{3-7} cycloalkyl₁ is optionally substituted by one or more substituents independently chosen from halogen, hydroxy, oxo, cyano, C_{1-4} alkoxy, amino, and mono- or $\text{di}(\text{C}_{1-4})$ alkylamino

with the proviso that not both R_1 and R_3 are hydrogen;

Ar is selected from the group consisting of phenyl and naphthyl, each of which is mono-, di-, or tri-substituted with R_C ;

R_A and R_B , which may be the same or different, are independently selected at each occurrence from the group consisting of:

hydrogen, straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, and straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from oxo, hydroxy, halogen, nitro, cyano, C_{1-6} alkoxy, $-\text{NH}(\text{C}_{1-6}\text{alkyl})$, $-\text{N}(\text{C}_{1-6}\text{alkyl})(\text{C}_{1-6}\text{alkyl})$, $-\text{NHC}(=\text{O})(\text{C}_{1-6}\text{alkyl})$, $-\text{N}(\text{C}_{1-6}\text{alkyl})\text{C}(=\text{O})(\text{C}_{1-6}\text{alkyl})$, $-\text{NHS}(\text{O})_n(\text{C}_{1-6}\text{alkyl})$, $-\text{S}(\text{O})_n(\text{C}_{1-6}\text{alkyl})$, $-\text{S}(\text{O})_n\text{NH}(\text{C}_{1-6}\text{alkyl})$, $-\text{S}(\text{O})_n\text{N}(\text{C}_{1-6}\text{alkyl})(\text{C}_{1-6}\text{alkyl})$, and Z ;

R_C is independently selected at each occurrence from halogen, cyano, halo(C_{1-6})alkyl, halo(C_{1-6})alkoxy, hydroxy, amino, and C_{1-6} alkyl substituted with 0-2 R_D , C_{2-6} alkenyl substituted with 0-2 R_D , C_{2-6} alkynyl substituted with 0-2 R_D , C_{3-7} cycloalkyl substituted with 0-2 R_D , $(\text{C}_{3-7}\text{cycloalkyl})\text{C}_{1-4}$ alkyl substituted with 0-2 R_D , C_{1-6} alkoxy substituted with 0-2 R_D , $-\text{NH}(\text{C}_{1-6}\text{alkyl})$ substituted with 0-2 R_D , $-\text{N}(\text{C}_{1-6}\text{alkyl})(\text{C}_{1-6}\text{alkyl})$ each C_{1-4} alkyl

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independently substituted with 0-2 R_D , $-XR_A$, and Y, with the proviso that at least one of the positions ortho or para to the point of attachment of Ar to the pyrimidine ring shown in Formula A is substituted;

R_D is independently selected at each occurrence the group consisting of halogen, hydroxy, cyano, C_{1-4} alkyl, $-O(C_{1-4}$ alkyl), $-NH(C_{1-4}$ alkyl), $-N(C_{1-4}$ alkyl)(C_{1-4} alkyl), $-S(O)_n$ (alkyl) halo(C_{1-4} alkyl), halo(C_{1-4} alkoxy), $CO(C_{1-4}$ alkyl), $CONH(C_{1-4}$ alkyl), $CON(C_{1-4}$ alkyl)(C_{1-4} alkyl), $-XR_A$, and Y;

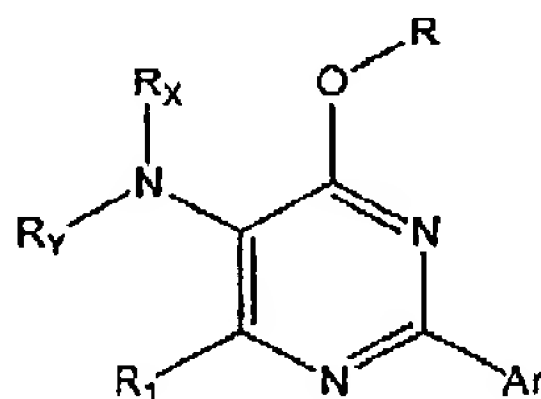
X is independently selected at each occurrence from the group consisting of $-CH_2-$, $-CH(R_B)-$, $-O-$, $-C(=O)-$, $-C(=O)O-$, $-S(O)_n-$, $-NH-$, $-NR_B-$, $-C(=O)NH-$, $-C(=O)NR_B-$, $-S(O)_nNH-$, $-S(O)_nNR_B-$, $-OC(=S)S-$, $-NIIC(=O)-$, $-NR_BC(=O)-$, $-NHS(O)_n-$, $-OSiI_n(C_{1-4}\text{-alkyl}_{2-n})-$, and $-NR_BS(O)_n-$;

Y and Z are independently selected at each occurrence from the group consisting of: 3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, C_{1-4} alkyl, $-O(C_{1-4}$ alkyl), $-NH(C_{1-4}$ alkyl), $-N(C_{1-4}$ alkyl)(C_{1-4} alkyl), and $-S(O)_n$ (alkyl); and

n is 0, 1, or 2.

16. (Currently Amended) A compound or salt according to claim 15 wherein:
 R_1 and R_2 are independently selected from the group consisting of hydrogen, halogen, C_{1-4} alkyl, C_{1-4} alkoxy, and halo(C_{1-4} alkyl); and
 R_3 is selected from the group consisting of hydrogen, C_{1-4} alkyl, C_{1-4} alkoxy, and halo(C_{1-4} alkyl).

17. (Withdrawn) A compound or salt according to Claim 3 of Formula B:



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FORMULA B

Ar is phenyl mono-, di-, or tri-substituted with R_C;

R is selected from straight, branched, or cyclic alkyl groups, (cycloalkyl)alkyl groups, straight, branched, or cyclic alkenyl groups, or straight or branched alkynyl groups, and which are optionally substituted by one or more substituents independently chosen from oxo, hydroxy, halogen, cyano, -O(C₁₋₄ alkyl), amino, -NH(C₁₋₄ alkyl), and -N(C₁₋₄ alkyl)(C₁₋₄ alkyl);

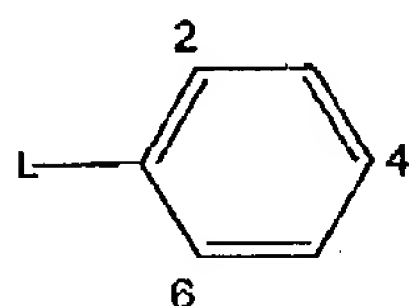
R₁ is selected from hydrogen, halogen, cyano, C₁₋₄ alkyl, (C₃₋₇cycloalkyl)C₁₋₄alkyl, halo(C₁₋₄alkyl), halo(C₁₋₄)alkoxy, and -O(C₁₋₄alkyl); and

R_X and R_Y are the same or different and are independently selected from:

- a) hydrogen,
- b) -(C=O)alkyl_A, wherein alkyl_A is a straight or branched alkyl group having from 1 to 8 carbon atoms;
- c) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, each of which may be further substituted with one or more substituent(s) independently selected from (i)hydroxy, halogen, amino, cyano, -O(C₁₋₄alkyl), -NH(C₁₋₄alkyl), and -NH(C₁₋₄alkyl)(C₁₋₄alkyl), and (ii)3- to 7-membered carbocyclic groups, which are saturated, unsaturated, or aromatic, which may be substituted with one or more substituents selected from halogen, halo(C₁₋₄)alkyl, halo(C₁₋₄)alkoxy, oxo, hydroxy, amino, C₁₋₄alkyl, -O(C₁₋₄alkyl), -NH(C₁₋₄alkyl), -N(C₁₋₄alkyl)(C₁₋₄alkyl), and -S(O)_n(alkyl).

18. (Withdrawn) A compound or salt according to Claim 17, wherein Ar is a phenyl group of the formula:

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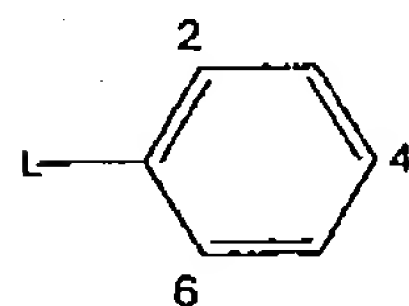


wherein L indicates a bond to the pyrimidine ring in Formula B

and the Ar phenyl group is substituted at one, two, or three of positions 2, 4, and 6 with substituents independently selected from:

- i) halogen, cyano, halo(C₁₋₄)alkyl, halo(C₁₋₄)alkoxy, hydroxy, amino, C₁₋₆ alkyl, C₁₋₆alkoxy, (C₁₋₄alkoxy)C₁₋₄alkoxy, and mono- or di(C₁₋₄alkyl)amino,
- ii) C₁₋₆ alkyl and C₁₋₆alkoxy which are further substituted with a 3- to 7-membered carbocyclic group, which is saturated, unsaturated, or aromatic, which 3- to 7-membered carbocyclic group may be further substituted with one or more substituents independently selected from halogen, oxo, hydroxy, amino, C₁₋₄alkyl, -O(C₁₋₄alkyl), -NH(C₁₋₄alkyl), and -N(C₁₋₄alkyl)(C₁₋₄alkyl).

19. (Withdrawn) A compound or salt according to Claim 17, wherein Ar is a phenyl group of the formula:



wherein L indicates a bond to the pyrimidine ring in Formula B

and the Ar phenyl group is substituted at one, two, or three of positions 2, 4, and 6 with substituents independently selected from:

- i) halogen, cyano, halo(C₁₋₄)alkyl, halo(C₁₋₄)alkoxy, hydroxy, amino, C₁₋₆ alkyl, C₁₋₆alkoxy, (C₁₋₄alkoxy)C₁₋₄alkoxy, and mono- or di(C₁₋₄alkyl)amino,
- ii) C₁₋₆ alkyl and C₁₋₆alkoxy which are further substituted with a 3- to 7-membered carbocyclic group, which is saturated, unsaturated, or aromatic, which 3- to 7-membered carbocyclic group may be further substituted with one or more substituents independently

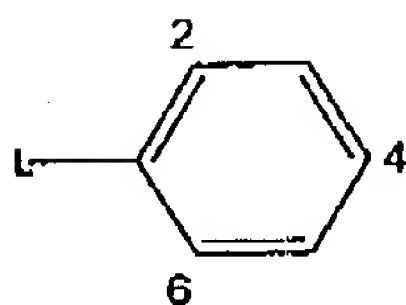
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selected from halogen, oxo, hydroxy, amino, C_{1-4} alkyl, $-O(C_{1-4}alkyl)$, $-NH(C_{1-4}alkyl)$, and $-N(C_{1-4}alkyl)(C_{1-4}alkyl)$;

R_X and R_Y are the same or different and are independently selected from the group consisting of:

- a) hydrogen (with the proviso that R_X and R_Y are not both hydrogen),
- b) $-(C=O)alkyl_A$, wherein $alkyl_A$ is a straight or branched alkyl group having from 1 to 8 carbon atoms;
- c) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms, which may be further substituted with one or more substituent(s) independently selected from hydroxy, halogen, amino, cyano, $-O(C_{1-4}alkyl)$, $-NH(C_{1-4}alkyl)$, and $-N(C_{1-4}alkyl)(C_{1-4}alkyl)$.

20. (Withdrawn) A compound or salt according to Claim 17, wherein Ar is a phenyl group of the formula:



wherein L indicates a bond to the pyrimidine ring in Formula B and the Ar phenyl group is substituted at one, two, or three of positions 2, 4, and 6 with substituents independently selected from:

- i) halogen, cyano, halo(C_{1-4})alkyl, halo(C_{1-4})alkoxy, hydroxy, amino, C_{1-6} alkyl, C_{1-6} alkoxy, $(C_{1-4}alkoxy)C_{1-4}alkoxy$, and mono- or di($C_{1-4}alkyl$)amino,
- ii) C_{1-6} alkyl and C_{1-6} alkoxy which are further substituted with a 3- to 7-membered carbocyclic group, which is saturated, unsaturated, or aromatic, which 3- to 7-membered carbocyclic group may be further substituted with one or more substituents independently

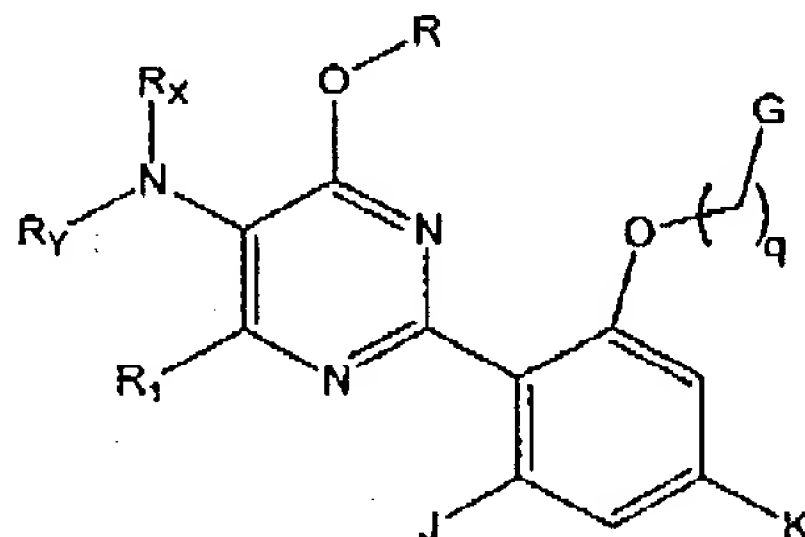
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selected from halogen, oxo, hydroxy, amino, C_{1-4} alkyl, $-O(C_{1-4}$ alkyl), $-NH(C_{1-4}$ alkyl), and $-N(C_{1-4}$ alkyl)(C_{1-4} alkyl);

R_X and R_Y are the same or different and are independently selected from the group consisting of:

- a) hydrogen (with the proviso that R_X and R_Y are not both hydrogen),
- b) $-(C=O)alkyl_A$, wherein $alkyl_A$ is a straight or branched alkyl group having from 1 to 8 carbon atoms;
- c) straight, branched, or cyclic alkyl groups consisting of 1 to 8 carbon atoms, (cycloalkyl)alkyl groups consisting of 4 to 11 carbon atoms, straight, branched, or cyclic alkenyl groups consisting of 2 to 8 carbon atoms, or straight or branched alkynyl groups consisting of 2 to 8 carbon atoms.

21. (Withdrawn) A compound or salt according to Claim 17, of the formula:



wherein:

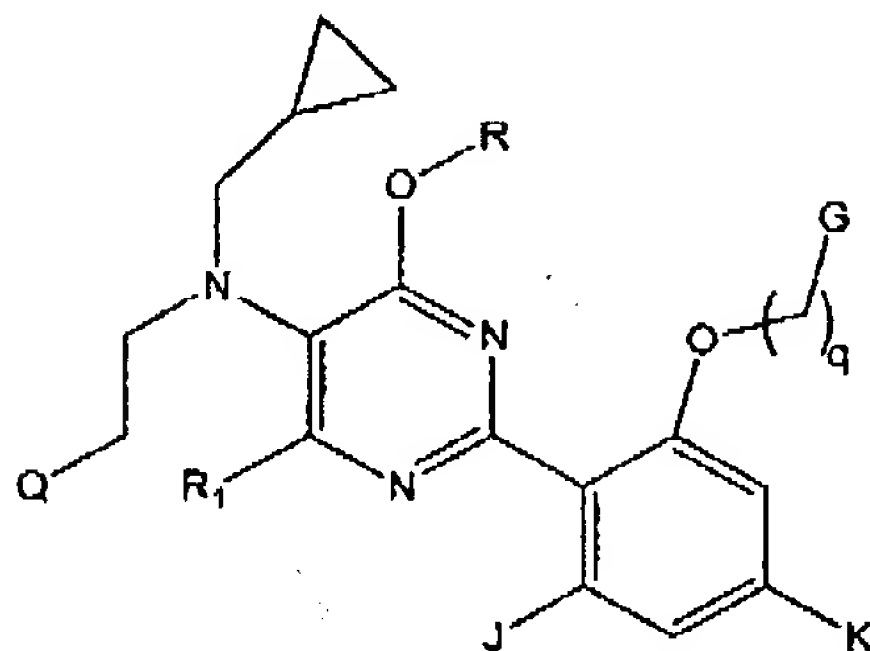
q is an integer from 1 to 4;

G is hydrogen, hydroxy, C_{1-6} alkoxy, $-NH(C_{1-6}$ alkyl), $-N(C_{1-6}$ alkyl)(C_{1-6} alkyl), or a 3- to 7-membered carbocyclic group which is saturated, unsaturated, or aromatic, which is unsubstituted or substituted with one or more substituents independently selected from halogen, halo(C_{1-4} alkyl), halo(C_{1-4} alkoxy), oxo, hydroxy, amino, C_{1-4} alkyl, $-O(C_{1-4}$ alkyl), $-NH(C_{1-4}$ alkyl), $-N(C_{1-4}$ alkyl)(C_{1-4} alkyl), and $-S(O)_n(alkyl)$;

J and K are independently selected from halogen, cyano, halo(C_{1-4} alkyl), halo(C_{1-4} alkoxy), hydroxy, amino, C_{1-6} alkyl, C_{1-4} alkyl, C_{1-4} alkoxy, $(C_{1-4}$ alkoxy) C_{1-4} alkoxy, and mono- or di(C_{1-4} alkyl)amino.

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22. (Withdrawn) A compound or salt according to Claim 17, of the formula:



wherein:

Q is hydrogen or C₃₋₇ cycloalkyl;

q is an integer from 1 to 4;

G is hydrogen, hydroxy, C₁₋₆alkoxy, -NH(C₁₋₆alkyl), -N(C₁₋₆alkyl)(C₁₋₆alkyl), or a 3- to 7-membered carbocyclic group, which is saturated, unsaturated, or aromatic, which is unsubstituted or substituted with one or more substituents independently selected from halogen, halo(C₁₋₄)alkyl, halo(C₁₋₄)alkoxy, oxo, hydroxy, amino, C₁₋₄alkyl, -O(C₁₋₄alkyl), -NH(C₁₋₄alkyl), -N(C₁₋₄alkyl)(C₁₋₄alkyl), and -S(O)_n(alkyl);

J and K are independently selected from halogen, cyano, halo(C₁₋₄)alkyl, halo(C₁₋₄)alkoxy, hydroxy, amino, C₁₋₆alkyl, C₁₋₄alkyl, C₁₋₄alkoxy, (C₁₋₄alkoxy)C₁₋₄alkoxy, and mono- or di(C₁₋₄alkyl)amino; and

R_x and R_y are the same or different and are independently selected from hydrogen (with the proviso that R_x and R_y are not both hydrogen) and straight, branched, or cyclic alkyl groups having from 1 to 6 carbon atoms, which alkyl groups may contain one or more double or triple bonds.

23. (Cancelled).

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24. (Original) A compound or salt according to Claim 1 wherein, in a standard in vitro CRF receptor binding assay the compound exhibits an IC_{50} value less than or equal to 1 micromolar.

25. (Original) A compound or salt according to Claim 1 wherein, in a standard in vitro CRF receptor binding assay the compound exhibits an IC_{50} value less than or equal to 100 nanomolar.

26. (Original) A compound or salt according to Claim 1 wherein, in a standard in vitro CRF receptor binding assay the compound exhibits an IC_{50} value less than or equal to 10 nanomolar.

27. (Original) A method for treating an anxiety disorder, a stress-related disorder, or an eating disorder, comprising administering to a patient in need of such treatment a therapeutically effective amount of a compound or salt according to Claim 1.

28-29. (Cancelled).

30. (Original) A compound or salt according to Claim 1, wherein in a standard in vitro Na channel functional assay the compound does not show any statistically significant activity at the $p < 0.05$ level of significance.

31. (Cancelled).

32. (Withdrawn) A method of inhibiting the binding of CRF to the CRF1 Receptor which comprises:

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contacting a solution comprising CRF and a compound or salt of Claim 1 with a cell expressing a CRF receptor, wherein the compound is present at a concentration sufficient to inhibit CRF binding to IMR32 cells *in vitro*.

33. (Withdrawn) The method of Claim 32 wherein the cell expressing a CRF receptor is a neuronal cell that is contacted *in vivo* in an animal, the solution is a body fluid.

34. (Withdrawn) The method of Claim 33 wherein the animal is a human, the cell is a brain cell, and the fluid is cerebrospinal fluid.

35. (Original) A pharmaceutical composition comprising a pharmaceutically acceptable carrier and a compound or salt of Claim 1.

36-38. (Cancelled).

39. (Withdrawn) A compound according to Claim 1, which is [2-(2,4-dimethoxyphenyl)-4-methoxy-6-methylpyrimidin-5-yl]dipropylamine.

40. (Withdrawn) A compound according to Claim 1, which is [2-(2-chlorophenyl)-4-methoxy-6-methylpyrimidin-5-yl]dipropylamine.

41. (Withdrawn) A compound according to Claim 1, which is [2-(2,4-dichlorophenyl)-4-methoxy-6-methylpyrimidin-5-yl]dipropylamine.

42. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4-chlorophenyl)-4-methoxy-6-methylpyrimidin-5-yl]dipropylamine.

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43. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4-isopropylphenyl)-4-methoxy-6-methylpyrimidin-5-yl]dipropylamine.
44. (Withdrawn) A compound according to Claim 1, which is [2-(2,4-dimethoxyphenyl)-4-methoxy-6-methyl pyrimidin-5-yl] dipropylamine.
45. (Withdrawn) A compound according to Claim 1, which is [4-methoxy-2-(6-methoxy-2,4-dimethylphenyl)-6-methylpyrimidin-5-yl]dipropylamine.
46. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-methoxy-6-ethyl pyrimidin-5-yl] dipropylamine.
47. (Withdrawn) A compound according to Claim 1, which is [2-(2,4,6-trimethylphenyl)-4-methoxy-6-methyl pyrimidin-5-yl] dipropylamine.
48. (Withdrawn) A compound according to Claim 1, which is [2-(2,4,6-trimethylphenyl)-4-methoxy-6-ethyl pyrimidin-5-yl] dipropylamine.
49. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-ethoxy-6-methyl pyrimidin-5-yl] dipropylamine.
50. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-(2-fluoroethoxy)-6-methyl pyrimidin-5-yl] dipropylamine.
51. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-isopropoxy-6-methyl pyrimidin-5-yl] dipropylamine.

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52. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-methoxy-6-fluoromethyl pyrimidin-5-yl] dipropylamine.
53. (Withdrawn) A compound according to Claim 1, which is [2-(2-methoxy-4,6-dimethylphenyl)-4-methoxy-6-difluoromethyl pyrimidin-5-yl] dipropylamine.
54. (Withdrawn) A compound according to Claim 1, which is 1-[5-(dipropylamino)-6-methoxy-2-(2-methoxy-4,6-dimethylphenyl)-pyrimidin-4-yl]-ethan-1-ol.
55. (Withdrawn) A compound according to Claim 1, which is 1-[5-(dipropylamino)-6-methoxy-2-(2-methoxy-4,6-dimethylphenyl)-pyrimidin-4-yl]-propan-2-ol.
56. (Withdrawn) A compound according to Claim 1, which is [4-(2-Cyclopropyl-2-fluoro-ethyl)-6-methoxy-2-(2-methoxy-4,6-dimethyl-phenyl)-pyrimidin-5-yl]-dipropyl-amine.
57. (Withdrawn) A compound according to Claim 1, which is [4-(2-Cyclopropyl-2-hydroxy-ethyl)-6-methoxy-2-(2-methoxy-4,6-dimethyl-phenyl)-pyrimidin-5-yl]-dipropyl-amine.
58. (Withdrawn) A compound according to Claim 1, which is 1-[5-Dipropylamino-6-methoxy-2-(2-methoxy-4,6-dimethyl-phenyl)-pyrimidin-4-ylmethyl]-cyclobutanol.
59. (Withdrawn) A compound according to Claim 1, which is (Cyclopropylmethyl)[4-methoxy-2-(6-methoxy-2,4-dimethylphenyl)-6-methylpyrimidin-5-yl]propylamine.

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60. (Withdrawn) A compound according to Claim 1, which is
Cyclopropylmethyl-[2-(2-ethoxy-4,6-dimethylphenyl)-4-methoxy-6-methyl pyrimidin-5-yl]
propyl-amine.

61. (Withdrawn) A compound according to Claim 1, which is
Cyclopropylmethyl[2-(2-propoxy-4,6-dimethylphenyl)-4-methoxy-6-methylpyrimidin-5-yl]
dipropylamine.

62. (Withdrawn) A compound according to Claim 1, which is
Cyclopropylmethyl[2-(2-isopropoxy-4,6-dimethylphenyl)-4-methoxy-6-methylpyrimidin-5-yl]
dipropylamine.

63. (Withdrawn) A compound according to Claim 1, which is
Cyclopropylmethyl[2-(2-ethoxymethoxy-4,6-dimethylphenyl)-4-methoxy-6-methylpyrimidin-5-
yl] dipropylamine.

64. (Withdrawn) A compound according to Claim 1, which is [2-
(dimethylamino)ethyl](cyclopropylmethyl)[6-methoxy-2-(6-methoxy-2,4-dimethylphenyl)-4-
methylpyrimidin-5-yl]amine.

65-66. (Cancelled).

67. (Withdrawn) Cyclopropylmethyl-(2-methoxy-ethyl)-[4-methoxy-2-(2-methoxy-
4,6-dimethyl-phenyl)-6-methyl-pyrimidin-5-yl]-amine.

68. (Cancelled).